

# APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office NOV 05 1984  
 Returned to applicant for correction DEC 19 1984  
 Corrected application filed JAN 16 1985  
 Map filed JAN 22 1985

The applicant Delta Omni Corporation  
17111 Kingsview Ave., of Carson,  
Street and No. or P.O. Box No. City or Town  
California 90746, hereby make application for permission to appropriate the public  
State and Zip Code No.  
 waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) June 15, 1983

- The source of the proposed appropriation is Geothermal Resource  
Name of stream, lake, spring, underground or other source  
for Production of Electric Power
- The amount of water applied for is N/A No Consumptive Use second-feet  
One second-foot equals 448.83 gals. per min.  
 (a) If stored in reservoir give number of acre-feet All Returned To Ground
- The water to be used for Power production (Production Well)  
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.
- If use is for:
  - Irrigation, state number of acres to be irrigated: N/A
  - Stockwater, state number and kinds of animals to be watered: N/A
  - Other use (describe fully under "No. 12. Remarks") Geothermal (Project Proposal)
  - Power:
    - Horsepower developed 10 M.W.
    - Point of return of water to stream N/A Re-injected
- The water is to be diverted from its source at the following point: located in SE $\frac{1}{4}$  of NE $\frac{1}{4}$ , Sec. 36, T 18 N, R 29 E, MDB&M; from said point  
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.  
the NE corner of said Sec. 36 bears N 14° 32' 54" E a distance of 1652.10 feet.
- Place of use All that certain real property situated in the County of Churchill, State of Nevada, Township 18 North, Range 29 East, MDB&M, Farm Unit "D" Farm Unit Plat, South  $\frac{1}{2}$  of the NE $\frac{1}{4}$  of Section 36.  
Describe by legal subdivision. If on unsurveyed land, it should be so stated.
- Use will begin about Jan. 1st and end about Dec. 31st, of each year.  
Month and Day Month and Day
- Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Geothermal well to Turbines to Re-injection Well  
State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.
- Estimated cost of works \$1.5 million per mega watt

10. Estimated time required to construct works Two (2) years  
If well completed, describe works.
11. Estimated time required to complete the application of water to beneficial use estimated to  
begin July, 1986.
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.
- Three (3) Geothermal Wells with ReInjection Wells

Compared jm/yw js/bc

Delta Omni Corporation  
 By s/ Albino G. Valdez for  
 17111 Kingsview Ave.  
 Carson, Ca: 90746

Protested

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of geothermal fluid herein granted is only a temporary allowance and that the final right obtained under this permit will be dependent upon the amount actually placed to beneficial use. It is also understood that this right must allow for a reasonable decrease of fluid pressure and heat. The well shall be equipped and maintained to prevent any waste of the geothermal fluid. Accurate measurements must be kept of discharge of the production and the amount of fluid injected into the injection well to determine the total amount of fluid consumed for a beneficial use.

The production and injection well are to be cemented from the producing levels to the surface to protect fresh water zones. This permit is issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes and fresh, cold water aquifers are not to be diverted. The used geothermal fluids are to be returned to the source via the injection well. The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies. A detailed log on the injection well and/or other analyses of the system used for returning the used geothermal to the source must be submitted together with the Proof of Completion.  
 (CONTINUED ON PAGE 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.04 cubic feet per second.

Work must be prosecuted with reasonable diligence and be completed on or before September 19, 1986

Proof of completion of work shall be filed before October 19, 1986

Application of water to beneficial use shall be made on or before September 19, 1991

Proof of the application of water to beneficial use shall be filed on or before October 19, 1991

Map in support of proof of beneficial use shall be filed on or before

Completion of work filed IN TESTIMONY WHEREOF, I, PETER G. MORROS  
 State Engineer of Nevada, have hereunto set my hand and the seal of

Proof of beneficial use filed my office, this 19th day of September

Cultural map filed A.D. 1985

Certificate No. Issued  
 218 (Rev.) Peter G. Morros  
 State Engineer

CANCELLED

JAN 22 1987

BECAUSE OF FAILURE  
 OF APPLICANT TO COMPLY WITH

OF APPLICANT TO COMPLY WITH

## (PERMIT TERMS CONTINUED)

An annual report for this well must be filed under this permit describing the amount of geothermal fluid consumed to a beneficial use for the calendar year. This report must also detail the amount of fluid produced and injected.

The total withdrawal of the geothermal fluid shall be limited to 29.0 acre-feet per year but the total consumptive use of the geothermal fluid is limited to only incidental fluid losses in the system and in no case shall it amount to more than 20% of the volume withdrawn annually. The State Engineer does not waive the right to make a determination of incidental fluid losses at any time and impose additional conditions thereto. This permit is further issued subject to the provisions of NRS 533.372(1) and with the understanding that the power or energy generated by the beneficial use of this water or steam is subject to recapture and use within the boundaries of the State of Nevada when the need arises.

This Permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

